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a motor control circuit responsive to the pulse signal, for starting the motor and for determining the direction of rotation of the motor output shaft; a detector coupled to the motor control circuit for detecting a predetermined characteristic relating to movement of a movable barrier; and a controller for controlling the pulses in the pulse signal in accordance with the detected characteristic, wherein, in accordance with the detected characteristic, a speed of the motor is linearly varied from an initial speed to an adjusted speed.

33. (New) A motor control according to claim 32 wherein the detected predetermined characteristic relating to movement of the movable barrier comprises one of a position of the movable barrier operator, a mode of operation of the movable barrier operator, a length of travel of the movable barrier, a type of movable barrier, and a hazardous condition associated with movement of the movable barrier.

34. (New) A motor control according to claim 33 wherein the hazardous condition comprises a barrier obstruction.

35. (New) A motor control according to claim 33 wherein the detected type of movable barrier comprises one of weight, size, and construction of the movable barrier.

36. (New) A motor control according to claim 32 wherein the detected predetermined characteristic relating to

movement of the movable barrier comprises feedback associated with movement of the movable barrier.

37. (New) A method of controlling a motor of a movable barrier operator, comprising:

detecting a predetermined characteristic relating to movement of a movable barrier; and
linearly varying a speed of a motor from an initial speed to an adjusted speed in accordance with the detected characteristic.

38. (New) A method of controlling a motor according to claim 37 wherein detecting a predetermined characteristic relating to movement of the movable barrier operator comprises detecting one of a position of the movable barrier, a mode of operation of the movable barrier, a length of travel of the movable barrier, a type of movable barrier, and a hazardous condition associated with movement of the movable barrier.

39. (New) A method of controlling a motor according to claim 38 wherein detecting a type of movable barrier comprises detecting one of weight, size, and construction of the movable barrier.

40. (New) A method of controlling a motor according to claim 37 wherein detecting a predetermined characteristic relating to movement of a movable barrier comprises detecting feedback associated with movement of the movable barrier.

REMARKS

Upon entry of the instant amendment, claims 32-40 are pending in the application. Claims 6 and 31 have been canceled and new claims 32-40 have been added.